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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/643,197	08/18/2003	William A. Bastian II	3436-13	3658

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EXAMINER

SHIMIZU, MATSUICHIRO

ART UNIT	PAPER NUMBER
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2635

DATE MAILED: 09/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

uX

Interview Summary	Application No.	Applicant(s)	
	10/643,197	BASTIAN, WILLIAM A.	
	Examiner	Art Unit	
	Matsuichiro Shimizu	2635	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Matsuichiro Shimizu. (3) _____
 (2) Charles P. Schmal. (4) _____

Date of Interview: 13 September 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
 If Yes, brief description: _____

Claim(s) discussed: 38 and 40.

Identification of prior art discussed: _____

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

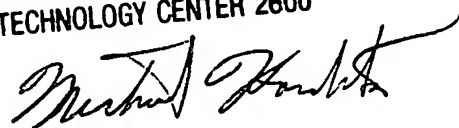
Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Since proposed new claims 38 and 40 faxed to the examiner on 9/9/05 are broader than allowed claims, they raise new issues requiring additional search. The applicant will provide Official Response to the Office Action filed on 6/6/05 by amending proposed new claims 38 and 40..

MICHAEL HORABIK
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FAX COVER SHEET**Date:** Friday, September 9, 2005**Number of Pages:** Cover sheet plus 9 page(s)

To: Examiner Shimizu
US Patent & Trademark Office

Your Reference: US Patent Application No. 10/643,197 for William A. Bastian**Fax Number:** 571-273-3066**From:** Charles P. Schmal (cschmal@uspatent.com)**Our Reference:** 3436-13**Comments:** Dear Examiner Shimizu:

As we discussed, please find attached proposed claim amendments for our telephonic interview. Please note that the number of the claim amendments are simply amendments to rewrite the claims indicated as being allowable in the Office Action into independent form. For example, the features of dependent claim 4 have been incorporated into independent claim 1. The features from previous dependent claims 8 and 15 have been rewritten into independent form as new independent claims 36 and 37, respectively. The features from dependent claim 28 have been incorporated into independent claim 24. New independent claim 38 recites the features from allowable dependent claim 34 with the exception that it does not incorporate the features from intermediate claim 33, which are now recited in dependent claim 39. Given that the above-mentioned claims were generally indicated as containing allowable subject matter, I would like to mainly discuss new claim 40-46. After you have the opportunity to review the proposed amendments, please call me at either (317) 713-4954 (direct dial) or (317) 634-3456 (receptionist) so that we can discuss or arrange a time to discuss the proposed amendments. Please note that I will be out of the office this afternoon, but I should be available anytime next week.

Best regards,

Charles P. Schmal, Reg. No. 45,082

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3436-13 CPS.le 362087

*If an error occurs during transmission please contact us at: (317) 634-3456***THIS MESSAGE IS INTENDED ONLY FOR THE ADDRESSEE(S) IDENTIFIED ABOVE.**

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Proposed Claim Amendment for Telephonic Interview

Bastian 10/643,197

1. (Currently amended) A method, comprising:
providing a pick/put to display device with an image display and an indicator light;
illuminating the indicator light to alert an operator of a service to be performed on an item at a storage location;
displaying a service instruction for the item on the image display; ~~and~~
displaying an image of the item on the image display;
displaying an arrow that points towards the storage location on the image display;
displaying a second arrow on the image display that points towards a second storage location for a second item; and
displaying an image of the second item at the second storage location on the image display.

Claim 2 (Canceled).

3. (Currently amended) The method of claim-2 1, wherein said displaying the arrow, said displaying the service instruction and said displaying the image of the item occur at the same time.

Claim 4 (Canceled).

5. (Original) The method of claim 1, wherein said displaying the image of the item occurs after said illuminating the indicator light.

6. (Original) The method of claim 1, wherein said displaying the image of the item includes showing a moving image on the image display.

7. (Original) The method of claim 6, further comprising:

wherein the pick/put to display device includes a speaker; and
playing sound from the speaker.

8. (Original) The method of claim 7, wherein said playing sound occurs
during said showing the moving image.

9. (Original) The method of claim 1, wherein said displaying the image of
the item includes showing a three-dimensional image on the image display.

10. (Original) The method of claim 1, wherein said illuminating the indicator
light includes flashing the indicator light.

11. (Original) The method of claim 1, wherein the image includes a static
picture of the item.

12. (Original) The method of claim 1, wherein the service instruction includes
a pick instruction.

13. (Original) The method of claim 12, wherein the service instruction
includes a quantity.

14. (Original) The method of claim 1, further comprising
wherein the pick/put to display device is operatively coupled to a server through a
network; and
downloading onto the pick/put to display device a file containing the image for
the item from the server.

15. (Original) The method of claim 14, further comprising:
downloading onto the pick/put to display device a sound file from the server; and
playing the sound file on a speaker of the pick/put to display device.

16. (Original) The method of claim 1, further comprising:
receiving operator input with the pick/put to display device; and
wherein said displaying on the image display the image of the item occurs in
response to said receiving operator input.

17. (Original) The method of claim 1, further comprising
wherein the pick/put to display device is operatively coupled to a server through a
network; and
receiving from the server a message concerning the item; and
wherein said displaying on the image display the image of the item occurs in
response to said receiving from the server the message.

18. (Original) A method of reducing the number of pick/put to display
devices needed for a storage area, comprising:
positioning a pick/put to display device with an image display between a first
storage location and a second storage location;
displaying on the image display a first screen that includes a first arrow pointing
toward the first storage location and a first instruction for servicing the first storage
location; and
displaying on the image display a second screen that includes a second arrow
pointing toward the second storage location and a second instruction for servicing the
second storage location.

19. (Original) The method of claim 18, wherein said displaying on the image
display the first screen includes displaying a first image concerning the first storage
location in the first screen.

20. (Original) The method of claim 19, wherein said displaying on the image
display the second screen includes displaying a second image concerning the second
storage location on the image display.

21. (Original) The method of claim 18, further comprising clearing the image display of the first screen before said displaying on the image display the second screen.

22. (Original) The method of claim 18, further comprising receiving a message from a host over a network concerning the first storage location; and

wherein displaying on the image display the first screen occurs in response to said receiving the message.

Claim 23 (Canceled).

24. (Currently amended) A system, comprising:
a pick/put to display device positioned proximal a storage location, the pick/put to display device including

a processor operable to download an instruction and an image that concern an item associated with the storage location,

memory operatively coupled to the processor,

an indicator light operatively coupled to the processor to alert an operator of a servicing task for the item at the storage location, and

an image display operatively coupled to the processor to display the instruction and the image concerning the item at the storage location; and

a speaker operatively coupled to said processor; and

wherein said processor is operable to download on or more sounds concerning the item and play the sounds on the speaker.

25. (Original) The system of claim 24, further comprising:
a server operatively coupled to the processor, said server being configured to store the image and being operable to send the image to the pick/put to display device.

26. (Original) The system of claim 25, further comprising:

a network operatively coupling the server to the processor, said network including a wireless network.

27. (Original) The system of claim 24, wherein the memory is configured to store the image.

Claim 28 (Canceled).

29. (Original) The system of claim 24, further comprising:
an input device operatively coupled to the processor to receive input from the operator.

30. (Original) The system of claim 29, wherein the input device includes a microphone.

31. (Original) The system of claim 29, wherein the input device includes one or more buttons.

32. (Original) The system of claim 24, wherein said image display includes an organic light emitting diode display.

33. (Original) The system of claim 24, wherein said image display is configured to display a location arrow that points to the storage location.

34. (Original) The system of claim 33, wherein said image display is configured to display a cell indicator that identifies an individual cell within the storage location.

35. (Original) A system, comprising:
a first storage location configured to store a first item;
a second storage location configured to store a second item; and

a pick/put to display device positioned between the first storage location and the second storage location to handle service instructions for both the first storage location and the second storage location, the pick/put to display device having an image display configured to display a first arrow that points toward the first storage location and a second arrow that points to the second storage location.

36. (New) A method, comprising:

providing a pick/put to display device with an image display and an indicator light;

illuminating the indicator light to alert an operator of a service to be performed on an item at a storage location;

displaying a service instruction for the item on the image display;

displaying an image of the item on the image display;

wherein said displaying the image of the item includes showing a moving image on the image display;

wherein the pick/put to display device includes a speaker;

playing sound from the speaker; and

wherein said playing sound occurs during said showing the moving image.

37. (New) A method, comprising:

providing a pick/put to display device with an image display and an indicator light;

illuminating the indicator light to alert an operator of a service to be performed on an item at a storage location;

displaying a service instruction for the item on the image display;

displaying an image of the item on the image display;

wherein the pick/put to display device is operatively coupled to a server through a network; and

downloading onto the pick/put to display device a file containing the image for the item from the server.

downloading onto the pick/put to display device a sound file from the server; and

playing the sound file on a speaker of the pick/put to display device.

38. (New) A system, comprising:

a pick/put to display device positioned proximal a storage location, the pick/put to display device including

a processor operable to download an instruction and an image that concern an item associated with the storage location,

memory operatively coupled to the processor,

an indicator light operatively coupled to the processor to alert an operator of a servicing task for the item at the storage location, and

an image display operatively coupled to the processor to display the instruction and the image concerning the item at the storage location; and

wherein said image display is configured to display a cell indicator that identifies an individual cell within the storage location.

39. (New) The system of claim 38, wherein said image display is configured

to display a location arrow that points to the storage location.

40. (New) A method, comprising:

storing a first file associated with a first storage location on a pick/put to display device, wherein the pick/put to display device is positioned proximal the first storage location and a second storage location;

storing a second file associated with the second storage location on the pick/put to display device;

outputting contents of the first file associated with the first storage location with the pick/put to display device; and

outputting contents of the second file associated with the second storage location with the pick/put to display device.

41. (New) The method of claim 40, wherein:

the pick/put to display device includes an image display;

the first file includes an image of a first product stored at the first storage location;
and

said outputting contents of the first file includes displaying the image of the first product on the image display of the pick/put to display device.

42. (New) The method of claim 41, wherein:

the second file includes an image of a second product stored at the second storage location; and

said outputting contents of the second file includes displaying the image of the second product on the image display of the pick/put to display device.

43. (New) The method of claim 41, further comprising displaying an arrow that points to the first storage location on the image display of the pick/put to display device.

44. (New) The method of claim 40, wherein:

the pick/put to display device includes a speaker;

the first file includes a first sound recording of first voice instructions associated with the first storage location; and

said outputting contents of the first file includes playing the first sound recording of the first voice instructions associated with the first storage location with the speaker of the pick/put to display device.

45. (New) The method of claim 44, wherein:

the second file includes a second sound recording of second voice instructions associated with the second storage location; and

said outputting contents of the second file includes playing the second sound recording of the second voice instructions associated with the second storage location with the speaker of the pick/put to display device.

46. (New) The method of claim 40, further comprising:
receiving a first command related to the first storage location with the pick/put to
display device; and
wherein said outputting contents of the first file occurs in response to said
receiving the first command.

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